

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 62-192327

(43)Date of publication of application : 22.08.1987

(51)Int.Cl.

A61K 45/08

// A61K 47/00

A61K 47/00

A61K 47/00

A61K 47/00

(21)Application number : 61-033641 (71)Applicant : KAO CORP

(22)Date of filing : 18.02.1986 (72)Inventor : HARA KENJI

## (54) SUSTAINED RELEASE PREPARATION OF ANTITUMOR SUBSTANCE

(57)Abstract:

**PURPOSE:** The titled preparation containing an antitumor substance and a specific fat and oil base.

**CONSTITUTION:** A sustained release preparation of antitumor substance containing 1 antitumor agent (e.g., alkylating agent such as cyclophosphamide, etc., antimetabolite such as mercaptopurine, etc., antineoplastic antibiotic such as actinomycin D, etc.) and 0.5W50, preferably 1W25 fat and oil base (e.g., ester interchange triglyceride, etc.). Further addition of one or more of oil solubilization auxiliaries such as lecithin, vitamin E, nonionic surface active agent, etc., can improve its effects. The amount of the oil solubilization auxiliaries is 0.1W30, preferably 1W15 based on 1 antitumor substance.

**EFFECT:** The preparation is mainly embedded in an operation site or in body after excision operation of tumor site, left in the site and then gradually releases the tumor substance, so lasting medicinal effects and high safety are obtained.

## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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